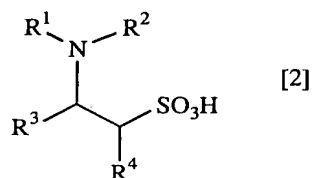


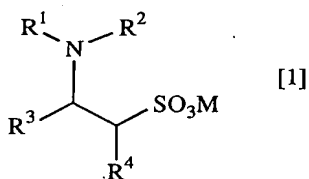
ABSTRACT

The present invention relates to a method for efficiently producing an aminoalkylsulfonic acid in an industrial scale, and provides

5 "a process for producing an aminoalkylsulfonic acid represented by the general formula [2]:

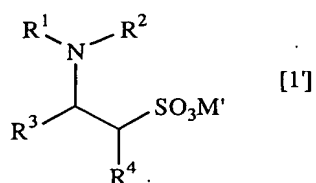


wherein R¹ and R² are each independently a hydrogen atom, an alkyl group, an aryl group or an aralkyl group; and R³ and R⁴ are each
 10 independently a hydrogen atom or an alkyl group, comprising reacting an aminoalkylsulfonate salt represented by the general formula [1]:

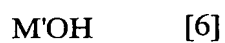


wherein M is an alkali metal atom, an organic ammonium ion or
 15 an ammonium ion; and R¹ to R⁴ are the same as described above, an aqueous solution thereof, or a solution dissolving any one of them in a water-soluble organic solvent, selected from alcohols having 1 to 3 carbon atoms, carboxylic acids having 2 to 12 carbon atoms and dimethylformamide, with an organic acid; and

20 a method of salt exchange for an aminoalkylsulfonate salt represented by the general formula [1']:



wherein M' is an alkali metal atom, an organic ammonium ion or an ammonium ion; and R¹ and R⁴ are the same as described above, comprising reacting an aminoalkylsulfonate salt represented by the
 5 above general formula [2] with a hydroxide represented by the general formula [6]:



wherein M' is the same as described above, in an alcohol or water".